

RAPPCPORT, M.A. (Sverdlovsk)

Using the principle of public cooperation. Zhel.dor.transp.
44 no.1:74-77 Ja '62. (MIRA 14:12)

1. Nachal'nik tekhnicheskogo otдела Sverdlovskoy dorogi.
(Railroad engineering)

REZER, S.M., kand. tekhn. nauk (Sverdlovsk); RAPPOPORT, M.A. (Sverdlovsk);
KRASOVSKAYA, I.G., inzh. (Sverdlovsk)

Automatic systems of dispatcher control in freight yards. Zhel. dor.
transp. 47 no.9:39-41 S '65. (MIRA 18:9)

1. Glavnyy inzh. stantsii Sverdlovsk-Tovarnyy (for Rezer).
2. Nachal'nik tekhnicheskogo otdela Sverdlovskoy dorogi (for Rappoport).

VAYNSHTEYN, V.Ya., inzh.; KUTYYEV, G.A., inzh.; RAPPOPORT, M.A., inzh.

Recent development in the operational technology of classification yards. Zhel. dor. transp. 37 no.8:34-38 Ag '55.

(MIRA 12:8)

1.Zamestitel' nachal'nika stantsii Sverdlovsk-sortirovochnyy (for Vaynshteyn). 2.Zamestitel' nachal'nika Sverdlovskogo otdeleniya stantsii Sverdlovsk-sortirovochnyy (for Kutyyev). 3.Zamestitel' nachal'nika tekhnicheskogo otdeleniya dorogi, stantsiya Sverdlovsk-sortirovochnyy (for Rappoport).

(Railroads--Yards)

NEVZOROVA, Z.A., inzh.; KVASHNIN, P.I.; RAPPOPORT, M.A. (g.Nizhniy Tagil);
VAREZHKIN, P.H. (g.Nizhniy Tagil)

New developments in the operation of approach tracks and adjacent
stations. Zhel.dor.transp. 43 no.4:75-78 Ap '61. (MIRA 14:3)

1. Upravleniye Sverdlovskogo sovmarkhoza, st.Goroblagodatskaya
(for Nevzorova).
2. Nachal'nik zheleznodorozhnogo tsekha
Kushvinskogo metallurgicheskogo zavoda (for Kvashnin).
3. Nachal'nik
tekhnicheskogo otdela upravleniya Sverdlovskoy dorogi (for Rappoport).
4. Glavnyy inzhener Nizhnetagil'skogo otdeleniya Sverdlovskoy dorogi
(for Varezhkin).

(Railroads, Industrial)

ACC NR: AR6024842

SOURCE CODE: UR/0169/66/000/004/D020/D020

AUTHOR: Chervonskiy, M. I.; Rapoport, M. B.; Raykher, L. D.; Seliverstov, B. P.

TITLE: Procedures for recording seismic survey data in automatic processing of seismograms

SOURCE: Ref. zh. Geofizika, Abs. 4D130

REF SOURCE: Tr. Ukr. n.-i. geologorazved. in-t, vyp. 11, 1965, 92-99

TOPIC TAGS: seismic survey, seismography, automatic data processing

ABSTRACT: The distinctive features of different forms of recordings used in the automatic construction of time profiles are examined. In recording by using the method of variations, the time profiles are formed by introducing the synchronization axes which serve as reflecting boundaries. Accounting for the form of recording is possible by tracing the reflecting boundaries. In recording by using the method of variable density, the variable density seismograms with straightened synchronization axes form the time profiles directly. The variable density recordings are easily applied to contact printing where the necessary changes in the horizontal and vertical scales may be made. The time profiles made on the basis of variable density recordings are more descriptive and convenient for processing than the profiles made on the basis of the recordings using the method of variations. Their disadvantage lies in the lack of vibration information. Recordings using the variable width method are widely used

Card 1/2

UDC: 550.834

ACC NR: AR6024842

in the MRNP apparatus as reproducible recordings. The seismograms using this form of recording permit the study of peculiarities of all forms of recordings. Combined forms of different recordings, e.g., the superposition of variational and variable density recordings, has features belonging to both types of recordings discussed. [Translation of abstract] R. Matveyeva

SUB CODE: 08, 09, 05

Card 2/2

ACC NR: AP7002581

(A,N)

SOURCE CODE: UR/0413/66/000/023/0078/0078

INVENTOR: Rapoport, M. B.

ORG: none

TITLE: Method for intermediate recording of seismic signals. Class 42, No. 189168

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 78

TOPIC TAGS: ~~seismograph~~, seismologic instrument, *seismic wave*, *photoconducting film*, *semiconducting film*

ABSTRACT: This Author Certificate presents a method for intermediate recording of seismic signals in the form of a voltage distribution on the surface of a photoconductive semiconductor layer applied to a conducting backing. To separate useful waves and to suppress noise, the signals of several sources or receivers are stored by means of multiple exposure of the semiconductor layer by the recording line which is modulated in brightness successively by all the signals to be stored. Reproduction is accomplished with readout and guard electrodes.

SUB CODE: 08, 09, 20/ SUBM DATE: 08Mar65

Cord 1/1

UDC: 550.340.19

USSR / General Biology. Individual Development. Re-
generation.

B

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103316.

Author : Rapponort, M. B.

Inst : Arkhangel'sk Medical Institute.

Title : The Problem of the Effect of the Nervous System on
the Regeneration of Bone Tissue (Experimental-Mor-
phological Study).

Orig Pub: Sb. tr. Arkhang. med. in-ta, 1956, No 14, 84-93.

Abstract: The healing of bone defects was studied roentgeno-
logically and histologically in the presence of
damage to various nervous system centers. With this
aim in view, a section of the ulnar bone of stand-
ard size was resected (with a drill) in 4-8-month
old rabbits, and the various links of the reflex
arc of the vegetative and somatic nervous system

Card 1/2

KIROV, A.A., dots; RAPPOPORT, M.B., kand. med. nauk. (Arkhangel'sk, ul. Konsonol'skaya, d. 46, kv. 7)

A case of tumor of the carotid gland. Nov. khir. arkh. 5:118-119 S-0 '58.
(MIRA 2:1)

1. Kafedra gospiatal'noy khirurgii (zav. - prof. G.M. Davydov) i kafedra patologicheskoy anatomii (zav. - kand. med. nauk M.B. Rappoport) Ar -
Khangel'skogo meditsinskogo instituta.
(CAROTID GLAND--TUMORS)

RAFPOPORT, M. B.

Case of malignant adenomatosis of the lungs in a 6-year-old child. Grud. khir. 4 no.3:101-102 My-Je '62.

(MIRA 15:7)

1. Iz kafedry patologicheskoy anatomii (zav. - dotsent M. B. Rappoport) Arkhangel'skogo meditsinskogo instituta (dir. - dotsent A. A. Kirov)

(LUNGS—CANCER)

RAPPOPORT, M.B.; MOSKETI, K.V.; GLADUNETS, P.I.

Effect of cortisone on healing. Biul. eksp. biol. i med. 53 no.4:
108-110 Ap '62. (MIRA 15:4)

1. Iz Arkhangel'skogo meditsinskogo instituta (dir. - dotsent A.A.
Kirov). Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinyam.
(CORTISONE) (WOUNDS)

RAPPOPORT, M.B.

Role of argyrophilic fibers in reparative osteogenesis
following partial extirpation of the cerebral cortex.
Biul. eksp. biol. i med. 53 no.2:115-117 F '62. (MIRA 15:3)

1. Iz kafedry patologicheskoy anatomii (zav. - dotsent
M.B. Rappoport) Arkhangel'skogo meditsinskogo instituta
(dir. - dotsent A.A. Kirov) Predstavlena deystvitel'nyy
chlenom AMN SSSR N.A. Krayevskim.

(CEREBRAL CORTEX—SURGERY)

(BONES)

(REGENERATION (BIOLOGY))

(SILVER IN THE BODY)

RAPPOPORT, M.B.

ZHURAVLEVA, K.Ya (Arkhangel'sk, ul. Komsomol'skaya, d.46, kv.7)

RAPPOPORT, M.B.

Pericardial cysts. Nov.khir.arkh. no.2:87-89 Mr-Ap '58 (MIRA 11:6)

1. Kafedra obshchey khirurgii (zav. - prof. G.A. Orlov) i kafedra patologicheskoy anatomii (zav. - M.B. Rappoport) Arkhangel'skogo meditsinskogo instituta.

(PERICARDIUM—TUMORS)

(CYSTS)

RAPPOFORT, M.B.; MOSKETI, K.V.; GLADUNETS, P.I.

Effect of intramuscular injections of adenosine triphosphoric
acid on the course of wound healing; experimental study.
Klin. khir. no.2:60-63 '65. (MIRA 18:10)

1. Arkhangel'skiy meditsinskiy institut.

БЕЛЫАЕВ, А.И.; РАППОПОРТ, М.Б.; ФИРСАНОВА, Л.А.

Causes for the destruction of carbon cathode blocks in starting aluminum
cells. TSvet.met. 27 no.6:44-46 M-D '54. (MIRA 10:10)
(Cathodes) (Aluminum--Electrometallurgy)

USSR/General Problems of Pathology - Tumors. Comparative
Oncology. Tumors of Man

U

Abs Jour : Ref Zhur Biol., No 6, 1959, 27575

Author : Rappoport, M.B.

Inst : Arkhangel'sk Medical Institute

Title : Some Clinico-Anatomical Comparisons in Primary Carcinoma
of the Pancreas.

Orig Pub : Sb. tr. Arkhang. med. in-t, 1957, vyp. 15, 86-89

Abstract : No abstract.

Card 1/1

- 37 -

CA

18

Purification of technical hydrochloric acid. N. I. Zemlyanski and M. E. Rappaport. *Zhurnal Khim. Fiz.* 19, 491-2 (1947). — Purification of tech. HCl contaminated with 0.00018% As and 0.015% Fe requires, per l., 4 g. SnCl_4 , contg. 79.5% $\text{SnCl}_4 \cdot 2\text{H}_2\text{O}$. At 1 hr. at 60-65°, all FeCl_3 is reduced to the volatile FeCl_2 , and Cl, if present, is bound by the SnCl_4 . The ppt., contg. As, is filtered off, and the colorless HCl is distd. Last traces of Sn are removed by addn. of ZnSO_4 , which promotes the pptn. of Sn. N. Thon

RAPPOPORT, M.G., kand. tekhn. nauk

Basic trends in mathematicoeconomic research; joint conference
of mathematicians and economists. Vest. AN SSSR 34 no.7:118-119
J1 '64 (MIRA 17:8)

RAPPOPCRT, Moisey Genrikhovich; DROZDOV, Boris Mikhaylovich; VIN'KOV,
M.P., red.; POLOSINA, G.V., red.; KAPRALOVA, A.A., tekhn. red.;
PYATAKOVA, N.D., tekhn. red.; PYATAKOVA, N.D., tekhn. red.

[EV 80-3 electronic computer]Elektronnyi vychislitel' EV 80-3;
ekspluatatsionnye svoistva i nekotorye primery primeneniia.
Moskva, Gosstatizdat, 1962. 164 p. (MIRA 16:2)
(Electronic computers)

BELYAKOV, Vasilii Mikhaylovich; KRAVTSOVA, Raisa Ivanovna;
RAPPOFORT, Moysey Genrikhovich; KUZNETSOV, P.I., doktor
fiz.-matem. nauk, prof., otv. red.; YAKOVKIN, M.V., red.;
SIMKINA, G.S., tekhn. red.

[Tables of elliptic integrals] Tablitsy ellipticheskikh
integralov. Moskva, Izd-vo AN SSSR. Vol.2. 1963. 783 p.
(MIRA 17:2)

BELYAKOV, Vasilii Mikhaylovich; KRAVTSOVA, Raisa Ivanovna;
RAPPOFORT, Moisey Genrikhovich; KUZNETSOV, P.I., doktor fiz.-
matem. nauk, prof., otv. red.; YAKOVKIN, M.V., red.; BRUZGUL',
V.V., tekhn. red.; SIMKINA, G.S., tekhn. red.

[Tables of elliptic integrals] Tablitsy ellipticheskikh integra-
lov. Moskva, Izd-vo Akad. nauk SSSR. Vol.1. 1962. 655 p.
(Functions, Elliptic) (Mathematics--Tables, etc.) (MIRA 15:12)

✓
RAPPOPORT, M. G., Cand Tech Sci -- (diss) "Certain ^{problems} ~~Aspects~~ of the
Mechanization of Mathematical Computations in Punched Tape
Computers". Mos [Publ. House Acad. Sci. USSR], 1958. 12 pp ~~with~~
~~figs~~ (Acad. Sci. USSR. Inst. of Precision Mechanics and Computer
Technology). 160 copies. (KL, 34-58, 100).
18

RAPPOPORT, M.G.

New programs for computing finite differences by means of punched
card machines. Vych.mat. no.3:186-189 '58. (MIRA 12:1)
(Electronic calculating machines)

DROZDOV, B.M.; RAPPOPORT, M.G.

Coding the operations of the electronic calculating machine EV80-3.
Vych.mat. no.2:146-153 '57. (MIRA 10:12)
(Electroni calculating machines)

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C111/C222

AUTHOR: Rappoport, M.G.

TITLE: New programs for the calculation of finite differences on perforation computers

PERIODICAL: Referativnyy zhurnal Matematika, no. 7, 1961, 42, abstract 7 V 274. ("Vychisl. matematika" sb. 3, 1958, 186-189)

TEXT: With the example of the calculation of differences of sixth order the author considers a method serving for the construction of the programs for the calculation of differences with the tabulator T-5. These programs distinguish from those considered earlier (R zh Mat, 1960, 9627) by the fact that less devices are necessary for their realization, that they admit a simpler adjustment of the machine, and in most of the cases they require less intermediate processes.

[Abstracter's note : Complete translation.]

Card 1/1

✓B

RAPPAPORT, M. G.
GROSHIKOV, Aleksandr Ivanovich; USAN, Aleksandr Lukich; VASILEVSKIY, N.A.,
retsenzent; ~~MEKHALOV~~, I.F., retsenzent; RAPPAPORT, M.G., red.;
AKIMOVA, A.G., red. izd-va; UVAROVA, A.P., tekhn. red.

[Forty-five column punched card computer; servicing and repair]
Schetno-perforatsionnye 45-kolonnnye mashiny; tekhnicheskoe obslu-
zhivanie i remont. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.
lit-ry, 1958. 270 p. (MIRA 11:10)
(Electronic calculating machines)

RAPPOPORT, M.G.

Computing finite differences by means of analytical computing machines.
Vych.mat. no.2:120-145 '57. (MIRA 10:12)
(Difference equations) (Tabulating machines)

RAPPORT, M. I.

16(0):28(2) FRAME 1 BOOK REFLATION 30V/3366
 Mendeleya nauk SSSR. Yuchislitel'nyy teat'r
 Yuchislitel'nyy matematiki; sbornik 3 (Mathematics of Computations;
 Collection of Articles, No. 3) Moscow: Izd-vo AN SSSR, 1958.
 189 p. Bzeta slip inserted. 5,000 copies printed.

Repr. Ed.: A. A. Abramov, Candidate of Physical and Mathematical
 Sciences; Ed.: M. V. Yakovlev; Tech. Ed.: T. P. Polenova.

PURPOSE: This book is intended for applied mathematicians,
 scientists, and engineers whose work involves computations.

COVERAGE: This book contains 9 articles on computational techniques.
 The subjects considered include: numerical solutions of the
 kinetic equation for a sphere; approximate method of solving the
 Milbert and Polineau problem; solution of the Laplace equation
 in a region within the interior of an ellipsoid; calculating the
 flow around an arbitrary profile and solid of revolution in a
 subsonic gas flow (symmetric case); calculating annular super-
 sonic flow; calculating the lowest characteristic number of
 the oscillation of beams of constant cross section by means of
 balance type integral equations; calculation of the flow around
 a circular cylinder with detached shock wave; and new routines
 for computing finite differences on computers. References
 accompany each article.

Maikuma, D. B. Calculating Annular Supersonic Nozzles and
 Diffusers 111

References 129

Vladimirov, V. S., and I. M. Sobol'. Calculating the
 Lowest Characteristic Number of Euler's Equation by
 the Monte Carlo Method 130

1. Formulating the problem 130
2. Construction of a random observation 131
3. On static error 131
4. Derivation of random elements 132
5. Example- the homogeneous sphere 132
6. More complicated examples 132
7. Conclusion 132

References 137

Labulov, I. K. Study of the Oscillation of Beams of Constant
 Cross Section by Means of Integral Equations of Balance 138

1. Reduction of initial relations 138
2. Solution of specific problem 138

Belotserkovskiy, O. M. Calculation of the Flow Around a
 Circular Cylinder With Detached Shock Wave 139

Introduction 149

Symbols used 149

1. Stating the problem 150
2. Method of solution 150
3. Computing technique 155
4. Results of computations 161

References 163

Rapport, M. I. New Routines for Computing Finite Differences
 166

References 187

AVAILABLE: Library of Congress
 Card 8/8

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 4-26-60

KUZNETSOV, P.V.; RAPPOPORT, M.I., red.; BOKUNOV, N.I., tekhn.red.

[Increasing the cutoff capacity of oil switches] Uvelichenie
otkliuchaiushchei sposobnosti maslianykh vykliuchatelei.
Moskva, Gos.energ.izd-vo, 1959. 222 p. (MIRA 12:10)
(Electric cut-outs)

RAPPOPORT, M.S.

Method of surgery in cystoepithelioma of the breast. Vop.onk.
8 no.8:84-86 '62. (MIRA 15:9)

1. Iz Kemerovskogo oblastnogo onkologicheskogo dispansera
(glavvrach - M.S. Rappoport).
(BREAST--TUMORS)

RAPPOPORT, M.S. (Kemerovo, ul. N.Ostrovskogo, d. 52 kv.2)

Use of biomyacin in the curietherapy of cancer of the uterine cervix
[with summary in English]. Vop.onk.4 no.4:496-497 '58 (MIRA 11:9)

1. Iz Kemerovskogo oblastnogo onkologicheskogo dispansera (glav:
vrach - M.S. Rappoport).

(CERVIX NEOPLASMS, ther.

radium ther., with adjuvant chlortetracycline (Rus))

(RADIUM, ther. use

cancer of cervix with adjuvant chlortetracycline
(Rus))

(CHLORTETRACYCLINE, ther. use

adjuvant use in radium ther. of cervical cancer (Rus))

EXCERPTA MEDICA Sec 16 Vol 7/2 Cancer Feb 59

894. *The use of biomydin in radium therapy of cancer of the cervix uteri (Russian text)*
RAPPOPORT M. S. Distr. Oncol. Dispensary, Kemerovo Vopr. Onkol. 1958, 14
(497-497) Illus. 1

Biomydin (as powder, 40,000 to 80,000 U. per patient) gave a good deodorizing effect during radium treatment of cervical cancer in 58 cases. The treatment was better tolerated and no complications were observed.

RAPPOPORT, P.

Agronomist and machinery operators. Zemledelie 26 no.6:80-83
Je '63. (MIRA 17:8)

RAPPOPORT, P.D.

32410

3/058/01/000/010/017/100
A001/A101

AUTHORS: Grigorov, N.L., Guseva, V.V., Dobrotin, N.A., Lebedev, A.M., Kotelnikov, K.A., Murzin, V.S., Rappoport, P.D., Ryabikov, S.V., Slavatinskiy, S.A.

TITLE: Studying nucleon-nucleon interactions at $\sim 2 \times 10^{11}$ ev energies

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 96, abstract 10B501
("Tr. Mezhdunar. konferentsii po kosmich. lucham, 1959, v. 1", Moscow, AN SSSR, 1960, 140 - 153)

TEXT: The authors present the results of an investigation, by means of the "calorimetric" method, of nucleon-nucleon interactions at energies of $\sim 2 \times 10^{11}$ ev, conducted at Pamir (3,850 m above sea level). They describe the equipment for determining the energy of primary particles, energy distribution of secondary particles, inelasticity coefficient, and present data on correlated pairs, angular distributions of particles in individual interactions, and consider in detail symmetric and non-symmetric showers.

L. DORMAN

[Abstracter's note: Complete translation]

Card 1/1

POLEVOY, Viktor Vasil'yevich; MUZALEVSKIY, Vladimir Vasil'yevich;
RAPPOPORT, P.I., otv.red.; D'YAKOVA, G.B., red.izd-vs;
MADEINSKAYA, A.A., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Standard equipment for mine hoists; a handbook] Tipovoe
oborudovanie shakhtnogo pod'ema; spravochnik. Moskva, Ugle-
tekhnizdat, 1959. 270 p. (MIRA 12:6)
(Mine hoisting--Equipment and supplies)

KUZNETSOV, K.K., inzh.; RAPPOPORT, P.I., inzh.

New standard mine cars and electric locomotives. Gor. zhur.
no.7:36-40 JI '64.

(MIRA 17:10)

1. Vsesoyuznyy tsentral'nyy gosudarstvennyy institut po proyektirovaniyu
i tekhniko-ekonomicheskim obosnovaniyam razvitiya ugol'noy promyshlennosti
Moskva.

[illegible]

1ST AND 2ND COPY		PROCESSING AND PROPERTIES INDEX		1ST AND 2ND COPY	
CR				10	
Isomerization of polymethylene hydrocarbons under the influence of $AlCl_3$. X. Isomerization of methylcycloheptane. M. B. Turro-Palsh and F. L. Rappaport. <i>J. Gen. Chem.</i> (U. S. S. R.) 13, 253-7 (1943) (English summary); <i>cf. C. A. B.</i>, 6649. — The authors studied the isomerization of methylcycloheptane (I) by $AlCl_3$, l. b. 121-3°, n_D^{20} 1.4401, d_4^{20} 0.8901, on passing over platinum C at 215-10° in 6 passes was dehydrogenated and isomerized to yield a product with n_D^{20} 1.4380, having 94% aromatic content, which on sulfonation and hydrolysis yielded <i>p</i>-xylene and traces of the <i>m</i>-isomer. I added to Br and $AlBr_3$ undergoes a vigorous reaction; the product on prolonged purification yielded a solid, m. 283°, which is in the range of tetrahydronaphthalenes. I was treated with 1/2 mol. of $AlCl_3$ added slowly with stirring; a portion of the mist. found of $AlCl_3$ and distd. showed the same const. immediately after addn. of $AlCl_3$ or after 3 hrs. heating at 80°; no gaseous products were evolved and $AlCl_3$ appeared to be unchanged; the resulting hydrocarbon (80%) was sep. into 3 fractions: (a) bps 115-81°, n_D^{20} 1.4380, d_4^{20} 0.7989, and (b) bps 121-4°, n_D^{20} 1.4386, d_4^{20} 0.7789; dehydrogenation of these over platinum C at 200-6° in 3 passes yielded products of each class const. that both fractions were combined to give a product b. 115-84°, n_D^{20} 1.4348, d_4^{20} 0.8014, which is in the range of xylenes. Oxidation yielded terephthalic acid and traces of the <i>m</i>- and <i>p</i>-isomers. G. M. K.					
ASAC-15A METALLURGICAL LITERATURE CLASSIFICATION					
SOURCE SYMBOLOGY		SOURCE MAP ONLY CODE		EXISTENCE	
SOURCE #		SOURCE MAP ONLY CODE		EXISTENCE	
SOURCE #		SOURCE MAP ONLY CODE		EXISTENCE	

RAPOPORT, I. I.

"Isomerization of Polymethylene Hydrocarbons under Influence of Aluminum Chloride. X. Isomerization of Methylcyclopentane," Zhur. Obshch. Khim., 13, Nos. 4-5, 1943.
Mbr., Lab. Organic Chemistry im. N. D. Zelinsky, Moscow Order Lenin State Univ. im. M.I. Lomonosov, -1943-.

RAPOPORT, R.

"Solution of the question concerning the state of equilibrium in types of
Dams having two parts ^{consisted of} with heterogeneous materials.

Dissertation for Candidate of Technical Sciences - Leningrad Polytechnical Inst. im.
Kalinin (LPI)

Subject: Hydroengineering building and construction.

Gidrotekhnicheskoye, stroitel'stvo, 12, 1946.

KORNILOVA, D.G.; RAPPOPORT, R.G.

Use of salve caps for patients with fungous infections of the
scalp. Vest.derm. i ven. 33 no.3:79 My-Je '59.

(MIRA 12:9)

1. Iz Borisovskogo kozhno-venerologicheskogo dispansera.
(SCALP--DISEASES)

9-2

KATYOT, R.M.

REPORT presented at the 1st All-Union Congress of Theoretical and Applied Mechanics,
Moscow, 27 Jan - 3 Feb '60.

236. S. I. Zhuravskii (Moscow): Large deflections of reinforced
concrete cylindrical shells.
237. V. I. Babitskii (Moscow), V. S. Babitskii (Leningrad):
Creep strength of reinforced concrete.
238. A. I. Babitskii (Moscow): Plastic and constitutive of some
types of reinforced concrete.
239. V. S. Babitskii (Leningrad): Creep.
240. A. I. Babitskii (Moscow): Some problems in the theory of
elasticity concerning the design of rock foundations.
241. V. S. Babitskii (Leningrad): Some difference equations of
elasticity.
242. S. I. Zhuravskii (Moscow): On the propagation of elastic
waves in a half-space.
243. S. I. Zhuravskii (Moscow): Propagation of disturbances in
anisotropic media.
244. V. I. Babitskii (Moscow): Some problems on elastic resistance
of shells.
245. V. I. Babitskii (Moscow): On the pressure of a punch on an
elastic half-space.
246. V. I. Babitskii (Moscow): Types of high molecular and glass
structures and their mechanical properties.
247. S. I. Zhuravskii (Moscow): On the influence of the medium principal
stress on the fatigue strength.
248. V. I. Babitskii (Moscow): The application of the method of semi-
invariants to the solution of some problems of the theory of
elasticity.
249. A. I. Babitskii (Moscow): Some three-dimensional problems of
elastic equilibrium in rigid, plastic solids.
250. S. I. Zhuravskii (Moscow): On the application of the
method of semi-invariants to the solution of some problems of
elasticity.
251. S. I. Zhuravskii (Moscow): Some problems of the
theory of elasticity.
252. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
253. V. I. Babitskii (Moscow): The experimental study of the
elasticity of thin-walled structures.
254. V. I. Babitskii (Moscow): The determination of the
elasticity of thin-walled structures by the method of
semi-invariants.
255. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
256. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
257. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
258. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
259. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
260. V. I. Babitskii (Moscow): Elasticity of thin-walled
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261. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
262. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
263. V. I. Babitskii (Moscow): Elasticity of thin-walled
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264. V. I. Babitskii (Moscow): Elasticity of thin-walled
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265. V. I. Babitskii (Moscow): Elasticity of thin-walled
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266. V. I. Babitskii (Moscow): Elasticity of thin-walled
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267. V. I. Babitskii (Moscow): Elasticity of thin-walled
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268. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
269. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.
270. V. I. Babitskii (Moscow): Elasticity of thin-walled
structures.

RAPPOPORT, R. M.

25662. RAPPOPORT, R. M. Raschet balok, sostavlennykh iz materialov s razlichnymi mekhanicheskimi kharakteristikami. Trudy Leningr. politckhn. in-ta im. Kalinina, 1948, No 5, s. 52-74.

SO: Letopis' Zhurnal' Nykn Statey, Vol. 34, Moskva, 1949.

RAPFOPORT, R.M., kand.tekhn.nauk (Leningrad)

Some problems of the theory of flexure of thick and thin three-ply
plates. Rasch. prostr. konstr. no.8:141-173 '62. (MIRA 16:6)
(Elastic plates and shells)

RAPPORT, R. N.

25662 RAPPORT, R. N. Raschet balok, sostavlennykh iz materialov s razlichnymi mekhanicheskimi kharakteristikami. Trudy Leningr. politekhn. in-ta im. Kalinina, 1948, No 5, s. 52-74

So: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

RAFFORT, R. E.

25522. Zadaua Vussinyeska Dlya Sloistogo Uprugogo Polupostranstva Trudy Iyeningv
Politekhn In-ta Im. Kalinina 1948 No. 5 c 147-56

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

124-58-9-10490

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 152 (USSR)

AUTHOR: Rappoport, R. M.

TITLE: On the Design Calculation of Systems of Cross Beams (K voprosu o raschete sistem perekrestnykh balok)

PERIODICAL: Tr. Leningr. lesotekhn. akad., 1957, Nr 78, pp 39-46

ABSTRACT: A solution is given for difference equations that describe the flexure of a roof deck with a finite number of joists. It is stated that when the number of joists is small and the load on the roof covering consists of a concentrated force the usual calculation method (which is based on a large number of rib joists) introduces a significant error.

A. A. Kurdyumov

1. Beams--Design

Card 1/1

RAPOPORT, R.M.

Making calculations for beams on elastic supports and for rails.
Trudy Len. lesotekh. akad. no.78:31-37 '57. (MIRA 11:10)
(Girders)

RAPPOPORT, R.M.

~~Calculating systems of crossbeams.~~ Trudy Len. lesotekh. akad.
no.78:39-46 '57. (MIRA 11:10)
(Girders)

RAPPOPORT, R.M., kand.tekhn.nauk (Leningrad)

Stability of thin-walled beams composed of arms joined with
straps. Rasch.prostr.konstr. no.6:89-114 '61. (MIRA 15:3)
(Beams and girders)

RAP. REPORT, R. M.

25522. Rappoport, R. M. Zadava vussinyeska dlya sloistogo uprugogo polupos
transtua trudy lyeningv politekhn in-ta i M. Kalinina 1948 No - 5 C 147-56

SO: Letipis' Zhurnal Statey, Vol 34., Moskva, 1949

НИИТЭ, . . .

25662

Raschet Balok, Sostavlenyykh Iz Materialov s Razlichnykh Mekhanicheskimi Kharakteristikami
Trudy Leningr: Po Litekhi. In-ta Im. Kalinina, 1948, No. 5 s. 52-74

SO: LETOPTS No. 34

RAPPOPORT, R.M., dotsent, kand. tekhn. nauk

Solving axisymmetric and two-dimensional problems in the theory
of the elasticity of multilayered media. Izv. VNIIG 73:193-204
'63 (MIRA 18:1)

RAHICHT, R. M.

25522

Zadacha "Ussineska Dlya Sdoistogo Uprugogo Poduprostranstva. Trudy Leningr. Politekhn. In.-ta im. Kalinina, 1948, No. 5, s. 3 - 18.

SO: LETOPIS No. 34

RAPPOPORT, R. M.
25519

Raschet Plotin i Podpornykh Sten Sostavnogo Treugol'nogo Profilya. Iz-
vestiya Vsesoyuz. Nauch.—issled. in-ta Gicrotekhiki im. Vedeneeva, T.
XXXVI, 1948, s. 74-89

SO: LETOPIS NO. 30, 1948

25519 RAPPOPORT, V. M.

Raschet plotin i podpornykh sten sostavnogo l'augel'nogo profil'ya.
Izvestiya Vsesoyuz. Nauch. issled. in - ta Gidrotekhniki in. Voennoye, T. XXXVI, 1948, s. 74-89.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

USSR/Virology - Human and Animal Viruses.

E

Abs Jour : Ref Zhur Biol., No 1, 1959, 504

Author : Zalmanzon, Ye.S., Rappoport, R.S., Itselis, F.G.,
Tallinskaya, A.F.

Inst : -

Title : Poliomyelitis Virus Diffusion in an Environment of
Sickness during an Epidemic Period.

Orig Pub : Vopr. virusologii, 1957, No 6, 341-346

Abstract : Viruses of three serological types spread in the Moscow
area in April-May 1956. Examination of 721 individuals
who were in contact with patients revealed the presence
of 20 strains of type 1, 7 of type 2, and 10 type 3.
Also, 80 strains of cytopathological agents which did
not type with anti-poliomyelitis sera were isolated.
Type 1 virus was found in 7 sites, type 2 in 3, and type
3 in 5 sites. Thirty three of 37 strains isolated were
obtained from children up to three years old.

Card 1/2

- 1 -

USSR/Virology - Human and Animal Viruses

E

Ref Zhur Biol. No 1, 1959, 504
APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001344

Type 3 virus was found within the borders of the USSR
for the first time. -- Ye.S. Zalmanzon

Card 2/2

ZALMANZON, Ye.S.; RAPPOPORT, R.S.; ITSELIS, F.G.; TALLINSKAYA, A.P.

Dissemination of poliomyelitis virus in the environment of the patient during the interepidemic period. Vop.virus 2 no.6:341-346 N-D '57. (MIRA 13:5)

1. Gorodskaya sanitarno-epidemiologicheskaya stantsiya, Moskva. (POLIOMYELITIS)

RAPPOPORT, R.S.

ZALMANZON, Ye.S.; RAPPOPORT, R.S.; SAMVELOVA, S.A.

Etiology of influenzal infections among groups of children in Moscow in December 1954 and January 1955. Zhur.mikrobiol.epid. i immun., supplement for 1956:25-26 '57 (MIRA 11:3)

1. Iz Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(MOSCOW--INFLUENZA)

RAPPOPORT, S.

Rappoport, S. Sur un procédé d'approximation des fonctions par polynômes trigonométriques. C. R. (Doklady) Acad. Sci. URSS (N.S.) 56, 9-10 (1947).

Let $f(x)$ be defined for all x in the closed interval $(0, 2\pi)$ and set

$$V_n(f; x) = \frac{(2n)!!}{(2n+1)!!} \sum_{k=0}^{2n} f(x_k^{(n)}) \cos^{2n} \frac{1}{2}(x_k^{(n)} - x),$$

where $x_k^{(n)} = 2\pi k / (2n+1)$. Several results concerning the approximation of $f(x)$ by $V_n(f; x)$ are stated without proof. A typical result is the following: if $f(x)$ is bounded and $f''(x_0)$ exists (and is finite), then $\lim_{n \rightarrow \infty} n[V_n(f; x_0) - f(x_0)] = f''(x_0)$ as $n \rightarrow \infty$. Another result is the following: if $f(x) \in L$ and

$$V_n(f; x) = \frac{(2n)!!}{(2n+1)!!} \sum_{k=0}^{2n} \left\{ \frac{2n+1}{2\pi} \int_{x_k^{(n)}}^{x_{k+1}^{(n)}} f(t) dt \right\} \cos^{2n} \frac{1}{2}(x_k^{(n)} - x),$$

then $V_n(f; x_0) \rightarrow f(x_0)$ at each x_0 such that

$$f(x_0) = \lim_{h \rightarrow 0} h^{-1} \int_{x_0}^{x_0+h} f(t) dt.$$

Finally, the definition of $V_n(f; x)$ is modified so as to conclude that $V_n(f; x) \rightarrow f(x)$ at each point of approximate continuity of $f(x)$. However, the reviewer was unable to understand this modified definition. M. Kac.

Source: Mathematical Reviews, 1948, Vol 9, No. 2

RAPPOPORT, S.

PA 0177

USSR/Mathematics
Mathematical functions

Apr 1947

"On a Method of Approximation of Functions of Trigonometric Polynomials," S. Rappoport, 2 pp

"CR Acad Sci" Vol LVI, No 1

Some results of representation of the functions for the series of polynomials $V_n(f, x)$ and for similar expressions.

0177

RAPPOPORT, S.A.

Three-zone gas oven developed by the All-Union Scientific Research
Institute of the Confectionery Industry. Ref. nauch. rab. VNI
no.1:74-81 '57.

(MIRA 11:3)

(Ovens)

RAPPOFORT, S.A.

Cutting off the capillary tube of ampules by machine. Med.prom. 11
no.11:41-44 N '57. (MIRA 11:1)

(DRUG INDUSTRY--EQUIPMENT AND SUPPLIES)

RAPPOPORT, S.G., kandidat meditsinskikh nauk (Khar'kov)

"Pathogenetic mechanisms of impotence" by G.S.Vasil'chenko.

Reviewed by S.G.Rappoport. Vrach.delo no.6:663-665 Je '57.

(IMPOTENCE)

(MLRA 10:8)

(VASIL'CHENKO, G.S.)

RAPPOPORT, S. I.

3

Rapport, S. I. On certain transformations of summation formulas. Mat. Sbornik N.S. 24(66), 87-100 (1949). (Russian)

Für eine auf $[a, b]$ messbare Funktion $f(x)$ sei das metrische Mittel die (eindeutig erklärte) Zahl $M(f; a, b) = h$, für die die Mengen $[f(x) \geq h]$ und $[f(x) \geq h + \epsilon]$, $\epsilon > 0$, Masse $\geq (b-a)/2$ bzw. $< (b-a)/2$ haben. Ferner sei

$$[f(x)]_N = \min \{|f(x)|, N\} \operatorname{sgn} f(x).$$

Das Interpolationspolynom $P_n(x)$, das man aus dem Bernsteinschen Polynom $\sum_{v=0}^n f(v/n) \binom{n}{v} x^v (1-x)^{n-v}$ einer auf $[0, 1]$ messbaren Funktion f erhält indem man $f(v/n)$ durch $M(f; v n^{-1} - 3n^{-1}, v n^{-1} + 3n^{-1})$ ersetzt, konvergiert nach L.

Kantorovitch [Rec. Math. [Mat. Sbornik] (1) 41, 503-510 (1934)] gegen $f(x)$ an jeder Stelle der approximativen Stetigkeit von f . Verf. betrachtet die entsprechende Frage für Interpolationsformeln

$$(*) \quad A_n^f(x) = \sum_{v=1}^n f(x_v^{(n)}) \varphi_v^{(n)}(x),$$

wobei $x_v^{(n)}$ in $[a, b]$ liegende Knotenpunkte und $\varphi_v^{(n)}(x)$ gegebene Funktionen sind ($v=1, 2, \dots, n$; $n=1, 2, \dots$). Konvergiert $A_n^f(x) \rightarrow f(x)$ gleichmäßig für jede stetige Funktion und sind die $\varphi_v^{(n)} \geq 0$, so gibt es zwei Folgen $\delta_n \rightarrow 0$, $\mu_n \rightarrow +\infty$ so dass

$$A_n^f(x) = \sum_{v=1}^n \varphi_v^{(n)}(x) M([f]_{x_v^{(n)} - \delta_n, x_v^{(n)} + \delta_n})$$

die obige Konvergenzeigenschaft von $P_n(x)$ hat. Sind die $\varphi_v^{(n)}$ verschiedenen Vorzeichens, so ist die Behauptung nicht mehr richtig. Der Beweis beruht auf dem Lemma nach dem

$$\sum_{|x_v^{(n)} - x| > \lambda} \varphi_v^{(n)}(x) < \lambda$$

gilt für beliebige $\gamma, \lambda > 0$, alle x und alle $n \geq N(\gamma, \lambda)$.

Für integrierbare Funktionen behandelt Verf. noch andere Varianten der Formel (*), indem sie dort $f(x_v^{(n)})$ durch das arithmetische Mittel von $f(x)$ auf dem Intervall von $x_v^{(n+1)}$ bis $x_v^{(n+1)}$ ersetzt oder statt A_n^f den Ausdruck $(d/dx)A_n^f(x)$, $F(x) = \int_a^x f(t) dt$ betrachtet. Für Bernsteinsche Polynome fallen diese beiden Varianten zusammen; und Ref. [Rec. Math. [Mat. Sbornik] N.S. 2(44), 543-556 (1937)] hat gezeigt, dass sie gegen $f(x)$ konvergieren an jeder Stelle x , wo $F'(x) = f(x)$ ist. Nach Verf. [C. R. (Doklady) Acad. Sci. URSS (N.S.) 56, 9-10 (1947); diese Rev. 9, 89] haben auch gewisse andere Interpolationsformeln dieses Konvergenzverhalten. Verf. zeigt nun durch Beispiele, dass im allgemeinen Fall aus der Konvergenz einer der Varianten die Konvergenz der anderen nicht folgt.

G. G. Lorentz.

Smul

Source: Mathematical Reviews,

Vol 10, No. 9

PRESMAN, A.S.; RAPPEPORT, S.M.

New data on the existence of an excitable system in *Paramecium caudatum* Ehrbg. Part 1: Reaction of *Paramecium caudatum* to direct current impulses. Nauch. dokl. vys. shkoly; biol. nauki no.1: 52-55 '64. (MIRA 17:4)

1. Rekomendovana Tsentral'nyy nauchno-issledovatel'skim institutom kurortologii i fizioterapii.

RAPPOPORT, T. B.

RAPPOPORT, T. B. Kand. Arkhitektury i GORNOV, V. N. Chl - Korr, Akademii Arkhitektury SSSR, ZAVADIVKER, V. B. Kand. Tekhn. Nauk, KALMANOK, A. S. Kand Tekhn Nauk

Nauchno-issledovatel'skiy institut stroitel'noy tekhniki Akademii Arkhitektury SSSR

Ratsional'nyye Konstruktsii Zhilykh Zdaniy V seysmicheskikh Rayonakh Page 68

SO: Collections of Annotations of Scientific Research Work on Construction, completed in 1950. Moscow, 1951

BIR, Sh.S.; KAPLAN, B.Ya.; KULESHA, V.S.; MARKEVICH, V.G.;
ORENSHTEYN, E.I.; RAPPOPORT, T.L.; SMORODSKIY, P.V.;
SOKOLOV, D.Yu.; TURETSKAYA, S.S.; FLESHNER, I.K.;
ABLOVA, A.A., red.; SMUL'SKAYA, T.K., red.1-leksikograf;
LICHACHEVA, L.V., tekhn. red.

[Polish-Russian polytechnical dictionary] Pol'sko-
russkii politekhnicheskii slovar'. Moskva, Fizmatgiz,
1963. 515 p. (MIRA 16:11)
(Polish language--Dictionaries--Russian)
(Technology--Dictionaries)

RAPPOPORT, T.S.; MALAKHOVA, M.M.

Our efficiency promoters. Khleb.i kond.prom. 6 no.6:43-44 Je
'62. (MIRA 15:7)

1. Gomel'skiy konditerskiy kombinat "Spartak".
(Gomel'—Confectionery) (Efficiency, Industrial)

MOLAKHAL'TSEV, A.P.; RAPPOPORT, Ye.Ya.

Clinical and physiological study of the higher nervous activity in
presenile psychosis. Zhur.nevr. i psikh. Supplement:72-73 '57.
(MIRA 11:1)

1. Moskovskaya gorodskaya psikhonevrologicheskaya bol'nitsa
No.3 (glavnyy vrach N.N.Krylova)
(PSYCHOSIS) (NERVOUS SYSTEM)

RAPPOPORT, F. A. (B.I. 10.10.1910)

BUNIN, D.A.; DANILYUK, T.I.; PERSETSKIY, A.Z.; RAPPOPORT-PALAGUTA, B.M.;
TAVROVSKAYA, A.F.; SHUBIN, A.A.; MANOLE, M.G., redaktor; POGREBNAYA,
L.L., redaktor; MURASHOVA, N.Ya., tekhnicheskii redaktor

[German-Russian railroad dictionary] Nemetsko-russkii zheleznodorozh-
nyi slovar'. Sost. D.A. Bunin i dr. Moskva, Gos. izd-vo tekhniko-
teoret. lit-ry, 1957. 532 p. (MIRA 10:4)

(German language--Dictionaries--Russian)
(Railroads--Dictionaries)

KANDROR, I.S.; RAPPOPORT, K.A.

Human basal metabolism in a cold climate. Opyt izuch.reg.fiziol.
funk. no.3:153-161 '54. (MLRA 8:12)

1. Institut obshchey i kommunal'noy gigiyeny Akademii meditsinskikh
nauk SSSR.

(COLD--PHYSIOLOGICAL EFFECT) (METABOLISM)

RAPPORT, L.P.

Materials on the ecology of the narrow-skulled field vole (*Microtus gregalis* Pall.) in the central Tien Shan. Veterinaria 34 no.5:43-51
Ky '57. (MIRA 10:6)

(Tien Shan--Field mice)

THOMPSON, Alexander John (1885-); RAPPORT, M.G. [translator]; SAZONOVA, L.I.
[translator]

[Tables of logarithms to twenty decimal places] Tablitsy
dvadtsatiznachnykh desiatichnykh logarifmov chisel. Ob-
rabotka tablits i perevod s angliiskogo M.G. Rapporta i L.I.
Sazonovoi. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 2 v.
Translated from the English. (MIRA 16:4)
(Logarithms) (Mathematics--Tables, etc.)

RAPPORT, P. L.

"Isomerization of Polymethylene Hydrocarbons under Influence of Aluminium Chloride, X. Isomerization of Methylcycloheptane"., Turova-Poliak, M. B. and Rapport, P. L. (p. 357)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1943, Volume 13, No. 4-5.

RAPPORT, L.P.; KRYLOVETSKIY, A.G.

Effect of pair correlations on two-gamma quantum processes in the nucleus. Izv. AN SSSR. Ser. fiz. no.26:1209-1214 S '62.

1. Voronezhskiy gosudarstvennyy universitet.
(Nuclear models) (Quantum theory)

PETROV, I.P., kand. tekhn. nauk; RASCHET, Ya.A., inzh.

Stressed-state investigation and calculation of pipelines w.
submergence to the bottom by filling with water. In: *By VNIITST*
no.15:97-134. '63. (UFGS 17:13)

PIYK, E.E. [Piik, E.]; RAPPU, L.I.

Distribution of water-soluble phenols in the fractions of
condensing tar. Khim. i tekhn. gor. slan. i prod. ikh perer
no.13:204-212 '64. (MIRA 18:9)

RAPSHTYNSKAYA, Ye. A.

Rapshtynskaya, Ye. A. and O.K. Skarre. [Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk State University)] Dielectric Constants and Orientation Interaction Energies in Binary Liquid Mixtures.

(The Physics of Dielectrics; Transactions of the All-Union Conference on the Physics of Dielectrics) Moscow: Izdat. AN SSSR, 1967. 245 p. 1,000 copies printed.

This volume publishes reports presented at the All-Union Conference on the Physics of Dielectrics, held in Dnepropetrovsk in August 1966, sponsored by the "Physics of Dielectrics" laboratory of the Physicstheoretical Institute of the USSR Academy of Sciences (Institute of Physics of the AS USSR), and the Dnepropetrovsk Department of the Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk State University).

RAPSHTYNSKAYA, Ye.A.

Heat of evaporation of the components of binary azeotropic mixtures with a minimum boiling point. Ukr. fiz. zhur. 7 no.8:906-910 S '62. (MIRA 16:1)

1. Dnepropetrovskiy universitet.
(Heat of evaporation) (Boiling points)
(Azeotropes)

L 12605-63 EPR/EWA(h)/EWT(1)/BDS AFFTC/ASD PS-4 WW
ACCESSION NR: AP3000973 S/0022/63/016/003/0123/0130

AUTHCR: Bezirganyan, P. A.; Ropyan, Yu. A.

TITLE: Dependence of intensity of reflected roentgen rays on the direction of the plane of incidence ²¹

SOURCE: AN ArmSSR. Izv. Seriya fiziko-matem. nauk, v. 16, no. 3, 1963, 123-130

TOPIC TAGS: roentgen rays, plane of incidence, kinematic theory, amplitude and intensity

ABSTRACT: In kinematic theory on interference of roentgen rays in the sense of Laue, the amplitude and intensity of selectively reflected waves do not depend on the orientation of the plane of incidence in a given system of reflective planes. The authors claim that according to their more accurate computations this amplitude and intensity do depend on the orientation of the plane of incidence in a given system of reflective planes. In the particular case they treat, the dependence of intensity on the direction of the plane of incidence is stronger for the case of one plane than for the case of a system of planes, where the intensity is not always observable. The relations in the article describing intensity depend on the orientation of the plane of incidence as well as on the number of reflective

Card 1/21 Erevan St. University

64

8

Chemical investigation of heazite from Nagyág, Mátyás
H. Romschay (Hungarian Natl. Museum, Budapest,
Hungary). *Magyar Chem. Folyóirat* 50, 38 (1911).
Analysis gave Ag 58.48, Au 3.58, Te 30.32, and insol
1.00%, total 100.24%. d_m was 8.255, wt. of crystal
analyzed was 0.3 g. Analytical data affirm the formula
Ag₂Te.
Lóvász Ernő

Ca 8

Pyroxene andesite northeast of Dárd. Margit Herrmann and Mária Hanák Rapskyng (Hungarian Museum Natural History, Budapest, Hungary). *Math. naturae. Ans. ungar. Akad. Wiss.* 62, 609-10 (1943).—A rock sample contained SiO₂ 57.70, TiO₂ 1.01, Al₂O₃ 16.17, Fe₂O₃ 1.77, FeO 4.51, CaO 6.14, MgO 1.27, MnO 0.11, P₂O₅ 0.20, S 0.12, Cl 0.10, BaO 0.06, Na₂O 3.65, K₂O 2.32, H₂O = 0.17, and H₂O + 0.80%; no CO₂, Cr, V, Zr, total 99.49%, $d_{25}^{25} = 2.752$. The rock belongs to the normal dioritic magma type of Niggli, and approximates the pyroxene-mica-diorite of Electric Peak (Yellowstone Park). István Fényi

ASD 31.1 METALLURGICAL LITERATURE CLASSIFICATION

GREBENNIKOV, Dm.; RAPTUNOVICH, I., redaktor; KARPINOVICH, Ya., tekhnicheskii redaktor.

[The struggle for a 24-hour work schedule] V bor'be za sutochnyi grafik. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1951, 58 p. (MLRA 8:2)
(Founding) (Factory management)

RAPUTOV, B.M., inzhener.

"Electric equipment of coal preparation and briquetting plants."
V.A. Bun'ko, S.R. Maimin, P.F. Shishkov. Reviewed by B.M. Raputov.
Ugol' 31 no.5:43-44 My '56. (MLBA 9:8)

(Coal preparation)
(Briquets (Fuel))
(Bun'ko, V.A.)
(Maimin, S.R.)
(Shishkov, P.F.)

RAPUTOV, Boris Mikhaylovich; KRASNYANSKIY, Ye.A., inzh., retsenzent;
ZEMSKOV, P.F., otv. red.; GADZHINSKAYA, M.A., red.izd-va;
SABITOV, A., tekhn. red.; LOMILINA, L.N., tekhn. red.

[Electrician of an ore-dressing plant] Elektroslesar' oboga-
titel'noi fabriki. Moskva, Gosgortekhnizdat, 1963. 227 p.
(MIRA 16:12)

(Ore dressing) (Electricians)

RAPUTOV, Boris Mikhaylovich; KRASNYANSKIY, Ye.A., inzh., retsenzent;
ZEMSKOV, P.F., otv. red.; GADZHINSKAYA, M.A., red.izd-va;
SABITOV, A., tekhn.red.; LOMILINA, L.N., tekhn. red.

[Electrician of an ore-dressing plant] Elektroslesar' obogatitel'noi fabriki. Moskva, Gosgortekhnizdat, 1963. 227 p.
(MIRA 16:10)

(Ore dressing—Equipment and supplies)
(Electric engineering)

KULIKOV, Aleksandr Aleksandrovich; BELEN'KIY, Aleksandr Abramovich;
RAPUTOV, Boris Mikhaylovich; FILATOV, A.S., kand.tekhn.nauk,
retsenzent; SON'KIN, M.A., kand.tekhn.nauk, retsenzent;
TUEBMAN, M.L., inzh., retsenzent; KISELEVA, T.I., red. izd-va;
VAYNSHTEYN, Ye.B., tekhn. red.

[Electrical equipment of enterprises of nonferrous metal-
lurgy] Elektrooborudovanie predpriatii tsvetnoi metallurgii.
Pod obshchei red. A.A.Kulikova. Moskva, Metallurgizdat, 1962.
600 p. (MIRA 15:7)
(Nonferrous metal industries--Electric equipment)

RAFUTOV, I. I., RABINOVICH, D. V., KAYETANOVICH, M. M., GOL'DENAL'K, V. V. and
SHMELEV, M. I.

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Author : Shapiro, T.I., Raputova, E.Ye.

Inst : -

Title : New Foreign Iris Varieties (Review)

Orig Pub : Sb. in. s.-kh. inform., 1957, No 11, 19-21

Abstract : New Hybrids are described belonging to the bearded groups of tall garden irises, the Dwarf, Siberian, Orrisroot, Japanese and Louisiana. Among the large blossomed garden irises many varieties have been noted which have pink and red coloring which is new to irises.
-- A.G. Vyatkina

Card 1/1

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Dependence of the X-ray diffraction image on the thickness of specimens of high molecular compounds. Dokl. AN Arm. SSR 41 no. 4:216-220 1965 (NIRA 11:1)

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L 34352-66 EWT(m)/EWP(j) IJP(c) RM

ACC NR: AP6002675 (A) SOURCE CODE: UR/0252/65/041/004/0216/0220

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gosudarstvennyy universitet)

TITLE: Dependence of the X-ray diffraction pattern¹⁵ of high molecular compounds on the thickness of the sample

SOURCE: AN ArmSSR. Doklady, v. 41, no. 4, 1965, 216-220

TOPIC TAGS: chloroprene, x ray diffraction pattern, crystal structure analysis, rubber

ABSTRACT: The thickness of a sample of chloroprene¹⁵ caoutchouc MARIT affected the X-ray diffraction patterns taken to determine its structure. The diffraction pattern obtained from thick film (1.65 mm) had only one intense halo typical of amorphous bodies. A noticeable decrease in intensity of the diffraction halo and the appearance of a wide ring were observed in the pattern taken from a sample 0.95 mm thick. The pattern

Card 1/2

L 34352-66

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of a sample 0.5 mm thick was characterized by the appearance of diffraction rings typical of the crystalline phase, by splitting of the wide ring into three separate rings and by further decrease in intensity of the diffraction halo. At a thickness of 0.13 mm, the diffraction halo almost disappeared and the intensity and number of rings, indicating crystallinity, increased. It seemed that the percentage of crystalline phase in the film depended on its thickness. However, an investigation of samples consisting of several layers of thin films (0.13 mm) cut by a razor blade from the same thick film disproved this conclusion. The X-ray diffraction patterns of these samples showed that, with an increased number of layers, the intensity of lines characterizing the crystalline phase decreased; and in samples consisting of 10 layers the diffraction pattern suggested an amorphous structure. It was therefore concluded that intensities of lines characteristic of amorphous and crystalline phases of caoutchouc NARIT depended on the thickness of the sample. The thin samples should be studied for the detection of the crystalline phase. When determining the percentage content of crystalline phase in the sample, the effect of sample thickness on the relative amount of lines characterizing amorphous and crystalline phases should be taken into consideration. Orig. art. has: 11 fig.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002

Card 2/2 ULR

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